

## MULTI-FUNCTIONAL ANTIBODIES

### ABSTRACT OF THE DISCLOSURE

The present invention provides antibodies comprising an antigen recognition domain that specifically binds to a metal chelate: mutant antibodies comprising a reactive site  
5 not present in the wild-type of the antibody, wherein the reactive site is in a position proximate to or within the antigen recognition domain; and methods of using such antibodies to diagnose and treat disease.

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